FIG. 1

	CONDITION	ACTION
(1)	(LAST_VCI - CURRENT_VCI) > DELTA_THRESHOLD	PROVISION VIRTUAL CIRCUIT FOR END USER
(2)	STATUS = SUCCESS AND (LAST_VCI - CURRENT_VCI) < DELTA_THRESHOLD	SEND BULK REQUEST
(3)	STATUS = FAIL	SEND BULK REQUEST
(4)	STATUS = SUCCESS AND (LAST_VCI - CURRENT_VCI) > DELTA_THRESHOLD	DO NOT SEND BULK REQUEST
(5)	STATUS = IN_PROCESS AND CURRENT_TIME - START_TIME) < TIME_THRESHHOLD	DO NOT SEND BULK REQUEST
(6)	STATUS = IN_PROCESS AND (CURRENT_TIME - START_TIME) > TIME_THRESHHOLD	SEND BULK REQUEST

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FIG. 2

FIG. 3

BEGIN `301`

→ RECEIVE WORK ORDER TO PROVISION VIRTUAL CIRCUIT FOR END USER `302`

↓

OBTAIN NEXT AVAILABLE VCI IN VIRTUAL PATH `304`

↓

SET CURRENT_VCI TO BE OBTAINED VCI `306`

↓

(LAST_VCI - CURRENT_VCI) > DELTA_VCI `308`

YES → PROVISION VIRTUAL CIRCUIT FOR END USER `310`

NO → DETERMINE WHICH CONDITION OF CONDITIONS (2) - (6) APPLIES `312`

↓

PERFORM ACTION CORRESPONDING TO APPLICABLE CONDITION AND UPDATE PARAMETERS `314`

END `316`